

## Student Handout      Drawing Relationships

Name \_\_\_\_\_

Two sets of data are given in the paragraphs below. Your job is to organize the data as follows:

1. Create tables to represent the data
2. Create graphs showing the relationships between data
3. Develop some explanations as to what the data may represent.

### Measurement 1

The following data was collected during 300 years of observation. In 1650 there were 550. In 1700 there were 610. In 1750 there were 760. In 1800 there were 950. In 1850 there were 1210. In 1900 there were 1630. In 1950 there were 2520. In the year 2000 there will be 6000.

### Measurement 2

During that same period, data was also collected by observing yet another variable. In 1650 there were 5. In 1700 there were 9. In 1750 there were 7. In 1800 there were 12. In 1850 there were 27. In 1900 there were 70. in 1950 there were 124. If the trend continues, in the year 2000 there will be \_\_\_\_\_?

**Brainstorm a list of possible relationships that the data could represent.**

1-

2-

3-

4-

5-

Respond to the questions written on the chalkboard.

1-

2-

3-

4-

5-

6-